

1 1. An ear seal for use in a headset, said ear seal comprising an inner annular surface,  
2 and an outer annular surface, said ear seal further including a thermal storage medium  
3 proximate said outer annular surface.

1 2. The ear seal as claimed in claim 1, wherein said thermal storage material includes  
2 paraffin wax-like substance.

1 3. The ear seal as claimed in claim 1, wherein said ear seal further includes a flexible  
2 sheath onto which the thermal storage medium is attached.

1 4. The ear seal as claimed in claim 1, wherein said thermal storage material is  
2 dispersed within a flexible foam matrix.

1 5. The ear seal as claimed in claim 4, wherein said flexible foam matrix material is  
2 relatively wide with respect to a width of the ear seal and is relatively thin with respect to  
3 a thickness of the ear seal.

1 6. The ear seal as claimed in claim 4, wherein said flexible foam matrix material is  
2 inset from said outer annual surface of said ear seal.

1 7. The ear seal as claimed in claim 4, wherein said outer annular surface of said ear  
2 seal extends beyond said flexible foam material along at least one annular surface of said  
3 ear seal.

1       8.     The ear seal as claimed in claim 4, wherein said flexible foam material forms an  
2     annular ring that is intermediate a radially inner annular surface and a radially outer  
3     annular surface of said ear seal.

1       9.     The ear seal as claimed in claim 1, wherein said thermal storage material includes  
2     a flexible foam material and a protective cover on at least one side of said flexible foam  
3     material.

1       10.    An ear seal for use in a headset, said ear seal comprising an inner annular surface  
2     for contacting a headset, and an outer annular surface for contacting a user's head, said  
3     ear seal further including a flexible foam matrix material proximate said outer annular  
4     surface, and said flexible foam matrix material containing a thermal storage material  
5     capable of storing thermal energy as latent heat of phase change.

1       11.    The ear seal as claimed in claim 10, wherein said ear seal further includes a  
2     flexible outer sheath enclosing said flexible foam material.

1       12.    The ear seal as claimed in claim 10, wherein said flexible foam matrix material is  
2     inset from said outer annual surface of said ear seal.

1       13.    The ear seal as claimed in claim 10, wherein said flexible foam material forms an  
2     annular ring.

1       14.    The ear seal as claimed in claim 13, wherein said flexible foam material is  
2     positioned intermediate a radially inner edge of said ear seal and a radially outer edge of  
3     said ear seal.

1 15. The ear seal as claimed in claim 10, wherein said flexible foam material is  
2 relatively thin with respect to its width.

1 16. An ear seal for use in a headset, said ear seal comprising an inner annular surface,  
2 and an outer annular surface, an annular width and an annular thickness, said ear seal  
3 further including a flexible foam matrix material proximate said outer annular surface,  
4 and said flexible foam matrix material containing a thermal storage material capable of  
5 storing thermal energy as latent heat of phase change, said flexible foam material further  
6 including an annular width that is about 50% to about 75% of the annular width of said  
7 ear seal, and including a thickness that is about 5% to about 15% of the annular thickness  
8 of said ear seal.